## DRAFT

Comprehensive Plan Cost Comparison 4/10/2017

	Cost to complete with contingency	2017	2018	2019	2020	2021	2022	2023	2024	Sum	RFP date	Start	Finish	NOTES
MassDEP Funding	s 1,000,000   s													
USACE Funding	9,130,000,000 \$	200,000.00 \$ 2,500,000.00 \$	200,000.00 \$	200,000.00 \$ 1,100,000.00 \$	200,000.00 \$				The second	\$ 1,000,000.00	Marie Sin			2014-2021 - ETD for 3 years - Needs verification from 3/9/17 meeting - based on EPA comment
Pro-Serv Contract (WQM/Monit)	\$ 13,750,000.00 \$	2,500,000.00 \$	2,500,000.00 \$	2,500,000.00 \$	1,100,000.00 \$ 2,500,000.00 \$	1,100,000.00				\$ 8,300,000.00			THE PARTY STATE	Per Corps - \$3.9M (2014-2016), 2.5M (2017-2018) \$1.1Myr (2019 - 2021)
Intertidal	10,750,000.00   0	2,000,000.00	2,500,000.00 \$	2,300,000.00 \$	2,500,000.00 \$	2,500,000.00		THE CASE OF STREET		\$ 12,500,000.00	The second	RESERVED	ESTER ALLA	assumes \$2,5M/yr - cost provided by Corps
UH Intertidal	5 53,533,440.00 \$	12,000,000.00 \$	41,533,440.00							\$				
Parcel 265		10,000,000	41,000,410.00							\$ 53,533,440.00	12/1/2017	3/1/2018	6/1/2019	Assume work start in 3/18 and is fully funded and east and west sides wi is simultaneously
PMC :	9,117,194.90	Secretary and the second		Manage Manage										Not included in UAO estimate
LH	3,933,127.58 \$	2,933,127.58		EQUIPMENT STILL						\$ 2,933,127.58	7/1/2017	4200047	CH DO40	UAO included this with intertidal volume. CTC includes SES, T&D, sheetpile install
BtB		5	1,000,000.00				AND THE PERSON NAMED IN			v 2,000,121.00	5/1/2018	12/1/2017 9/30/2018	6/1/2018	Estimate from Jacobs proposal dated May 17, 2016; added fee in Rev9
Marsh Island	1,782,000.00 \$	1,782,000.00	Edition in the last of the las	THE PART OF LET	ACRES PROPERTY	State of the state of the	Station of the last			\$ 1,782,000.00	4/1/2017	8/1/2017	The second second second	4000 -11
Aerovox				THE RESERVE TO	Th. 1-12 (19) 12					\$	47112017	G/1/201/	11/1/2017	1800 cubic yards and average cost for on shore and mechanical dredge (PMC). \$900/cy
Aerovox Interim Cap	6,240,000.00 \$	6,240,000.00	THE RESERVE THE	MARIA CARROLL	Marie Commence of the	OTTO BEEN FROM SE	Charles Land III III	Carrie and		\$ 6,240,000.00	6/1/2017	11/1/2017	200000	
Interim Cap LTM 1	900,000.00	2	180,000.00 \$	180,000.00 s	180,000.00 \$	180,000.00 \$	180,000,00			The state of the s	0/1/2017	11/1/2017	2/1/2018	Assumed 3 ft carbon sand cover (per Corps direction). Temporary solution does not complete final remedy.
	Manager and the second of the			,	100,000.00	100,000.00	100,000.00			\$ 900,000.00				Assumed annual benthic and sampling of cover and reporting. No replacement costs.
Cells 1, 2, 3	MANAGEMENT OF STREET STREET, ST.			ESTERONOUS DE LA COMPANION DE	All a control of the					\$ .				
Cells 1, 2, 3 Interim Remedy	1,200,000.00	\$	1,000,000.00 \$	50,000.00 \$	50,000.00 \$	50,000.00 \$	50,000.00	Section of the second		\$ 1,200,000.00	1/1/2018	6/1/2018	6/1/2022	
										\$ -	1/1/2016	0/1/2016	0/1/2022	
Full Demob	7,810,370,47	5	650,000.00 \$	6,500,000.00	Season 1960 / 198			THE PARTY OF THE P		\$ 7,150,000.00	4040040			CTC from May 2016 Jacobs proposal. Contingency based upon undefined future status and necessary improvement of A
							2	1,310,370.47		\$ 1,310,370.47	10/1/2018	1/1/2019	6/1/2019	C and D.
Dredge & Fill LHCC	ERROR BASSINGS.							1,010,070.47		1,310,370.47				
Construct CAD Cell 5						ESSENCE   100   10		SECOND SECOND						
Dredge and Fill LHCC - Jacobs						The second second second		STATE OF THE PERSON		\$		T GEOGRAPHIC		UAO costs for all work related to CAD Cell, less the \$9M from EPA HQ (need to verify if paid back)
UH & LH to LHCC Mechanical - Jacobs 5	8,643,329.71		8,643,329,71							\$				Jacobs LH dredging to date
Dredge and Fill LHCC - BV	18,700,000.00		0,043,328.71					F-2-1-10-20-5	MANUEL CERTIFIER	\$ 8,643,329,71		6/1/2018	10/29/2018	One plant 120 days (existing UH CTC plus 37C&D, MU25, T&T'), includes current Jacobs costs
Survey Contract - BV 5	700,000.00						CONTRACTOR OF THE			\$	1/1/2017	6/1/2017	5/1/2018	Per USACE Email (3/16/17) changed from \$18M to \$17M. Fixed Cost Contract estimate
Between the Bridges Subtidal \$	2,591,193.86	5	2,591,193.86									5/1/2017	51/1/2018	Per USACE Email (3/16/17) changed from \$800k to \$700k. Based on award to Bryant
Dredge Cleanup Passes - Jacobs \$	1,870,000.00	\$	1,870,000.00							\$ 2,591,193.86 \$ 1,870,000.00		9/30/2018	10/29/2018	Negotated and Awarded, added fee in Rev9
Cap LHCC \$	5,992,500.00		\$	5,992,500.00							2/1/2018	6/1/2018	8/1/2018	10% cleanup passes, based on BV CTC
					SECTION OF SEC					\$ 5,992,500.00	7/1/2019	11/1/2019	1/1/2020	Cost estimate from EPA
Hydraulic Dredging \$	DECEMBER OF STREET	SHEET WATER TO SEE	COLUMN PROSESSION OF STREET				East of the last	Contractor of the						
Temporary Pipeline Relo	235,659.00		ELKONON DE B		The second second	THE COURT OF THE PERSON	SPECIAL PROPERTY OF THE							2014 through 2016 dredging less \$12M, PMC, Parcel 265 and fixed costs
Capping DDA \$					Simple to the second		THE PROPERTY OF THE PARTY OF TH		Manual Designation of the last	The state of the s	C. Bulletin			Negotated and Awarded
Residual management sand Subscript State S	11,070,000.00	\$	12,870,000.00			F-19726 A 18 18 18 18 18 18 18 18 18 18 18 18 18				\$ 12,870,000.00	11/1/2018	3/1/2019	11/1/2019	Capping of DDA cost estimated from ESD 4 This is an assumed volume of 100,000 cy
Seafood Monitoring s	000,001.00			\$	80,000.00 \$	80,000.00 \$	80,000.00 \$	80,000.00 \$	80,000.00			OF HEO TO	TUILLUIG	Cost to Complete is escalated UAO cost (3.5%)
Benthic Monitoring s	579,289.63			\$	80,000.00 \$	80,000.00 \$	80,000.00 \$	80,000.00 \$	80,000.00	\$ 400,000.00	Street Street			Costs from MassDEP
Flored County	972,362.34				\$	486,181.17	Marine Special Confession		107 5 10 10 10 1	\$ 486,181.17	SHELD BELLEVIE			Cost to Complete is escalated UAO cost (3.5%)
Project Management and Admin S	6,661,263.50		2 000 000 00	2000 000 00		CONTRACT A DESIGNATION OF THE PARTY OF THE P	STATE OF STREET		1	No. of the Control of		Market Market	1000	Jacobs Fixed Costs,
Site Ops and Warehouse \$	6,661,263.50 4,845,980.90	\$	2,000,000.00 \$	2,000,000.00 \$	1,000,000.00 \$	661,293.50 \$	500,000.00			6,161,263.50	The second second	No. of the last of		
Air Monitoring \$	842,426.96	\$	900,000.00 \$	900,000.00 \$	900,000.00 \$	450,000.00 \$	450,000.00		1	3,600,000.00		12/12/12/12/14		
	042,420.80	3	168,485.39 \$	168,485.39 \$	168,485.39 \$	168,485.39				673,941.57		OF STOLES	A NEW YORK	
SUBTOTAL S	174,589,190.50	New York Street, Stree				The second second	State Works I had be		CIPE CIT					
SETTLEMENT AMOUNT S				ALL PROPERTY OF THE PARTY OF TH				Art Hall Street Land	Alexander of the second		A CONTRACTOR	NO LUMBER OF	- 12-50	Complete all work listed above.
INTEREST \$				The Control of the									V.C.S.	
AVAILABLE FOR FUTURE SUBTIDAL \$	77,851,888.16 \$	56,430,000.00			Control of the	Rolling of the				56,430,000.00	Filimora	B(4/00.17	Approximation	EPA assumption, correct interest rates and values to be provided, per EPA \$2M in avail. Funding but not in contingency.
CURTINAL CURIO VARRA AMPROIR	5	21,421,888.16		CHARLES AND ASSESSMENT OF THE PARTY OF THE P	100	ACCUSED TO SEE LOSS			3	21,421,888.16	5/1/2017	8/1/2017	12/31/2017	Settlement less Subtotal of work listed above, Funds available to dredge subtidal areas
SUBTIDAL CUBIC YARDS - HYBRID \$	STATE OF THE PROPERTY OF THE PARTY OF THE PA	ALLEY TO THE REAL PROPERTY.		A A S	STATE OF THE		SECTION OF THE	A Laboratory of the Control of the C		£1,4£1,000.10	12/11/2017	3/1/2018	7/14/2018	
Aerovox Sediment Removal \$	27,940,861.47													\$418/CY Hybrid dredging, desanding, dewatering, and T&D
Capping DDA \$														
Cells 1,2, 3 Final Remedy - no mixed waste \$														Included in Cells #123 Final Remedy.
Cells 1, 2, 3 Final Remedy	29,860,473.50													